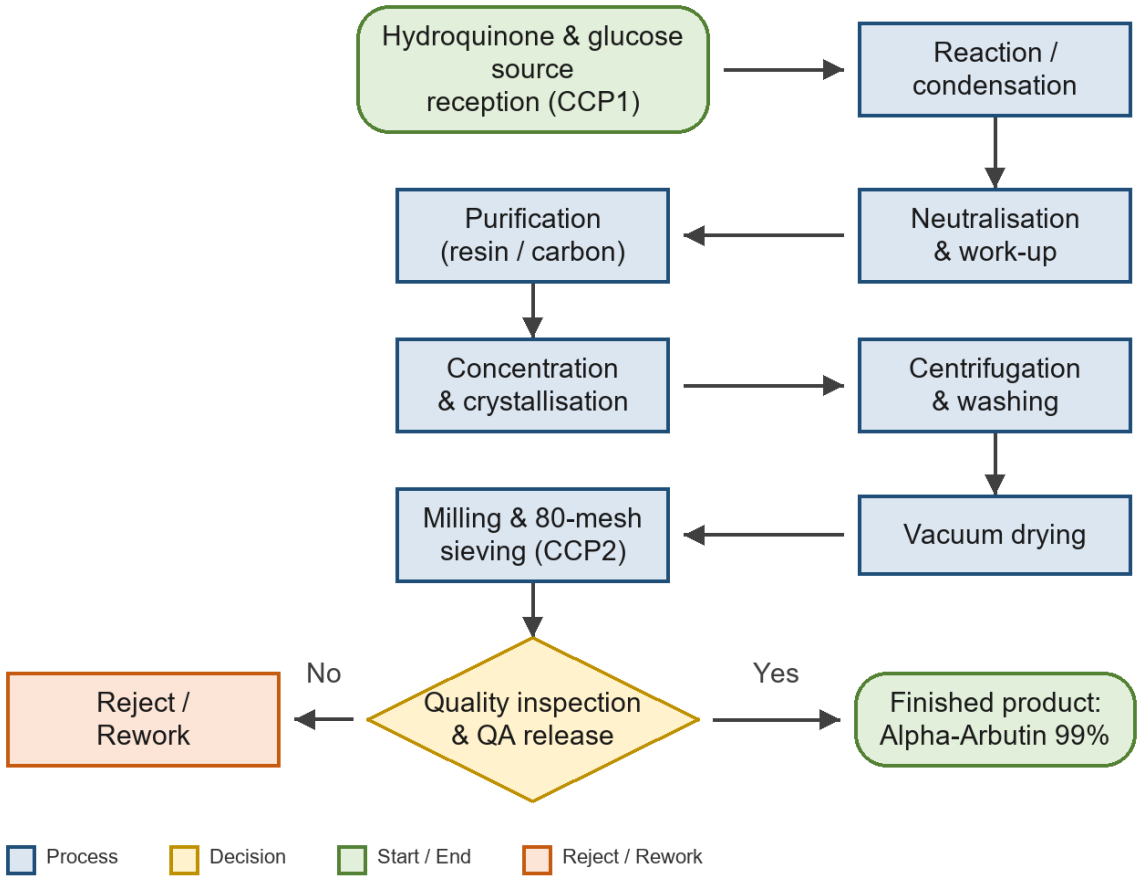
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PROCESS FLOW CHART

Alpha-Arbutin 99%

Alpha-Arbutin 99% is a purified single substance made by enzymatic glycosylation of hydroquinone followed by recrystallisation. The crude product is purified by resin or carbon treatment, concentrated and crystallised, then centrifuged, washed, vacuum dried, milled and sieved before quality inspection and QA release, giving a white crystalline powder of not less than 99.0% assay by HPLC.



The process is operated under a HACCP-based food-safety plan and GMP; critical control points include raw-material acceptance (CCP1), the in-process checks marked on the chart, and the final quality inspection and QA release. Off-spec material is rejected or reworked.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Nov. 20, 2026